

# DLV7500/8500 series

■ For Machine Screws (2.6 - 6.0 mm)

## Features

Low vibration, low noise, and easy gripping in a compact design

- The easily visible torque reach light goes on when the set torque is reached
- The combination of an advanced clutch design and the auto-stop circuit assures torque accuracy
- The long life motor with a yoke made of advanced materials further assures a long service life
- Compliant with CE standard
- ESD (electrostatic discharge) protection compliant with IEC61340-5-1 (BKE models)



DLC4511-GGB



DLR1510-JE

## Specifications

		Standard		High Torque	Standard		High Torque
Model	Standard	DLV7530-MKE	DLV7540-MKE	DLV7550-MKE	DLV8530-MKE	DLV8540-MKE	DLV8550-MKE
	ESD	DLV7530-BKE	DLV7540-BKE	DLV7550-BKE	DLV8530-BKE	DLV8540-BKE	DLV8550-BKE
Starting Method	Lever Start				Push to Start		
Input Voltage	59 V DC						
Torque Adjustment	Stepless						
Torque (Nm)		0.5 - 1.7	1.2 - 2.7	2.0 - 4.5	0.5 - 1.7	1.2 - 2.7	2.0 - 4.5
Free Speed (min <sup>-1</sup> )		1,100	700	500	1,100	700	500
Screw Size (mm)	Machine Screw	2.6 - 4.0	3.5 - 5.0	4.5 - 6.0	2.6 - 4.0	3.5 - 5.0	4.5 - 6.0
	Tapping Screw	2.3 - 3.5	3.0 - 4.0	4.0 - 5.0	2.3 - 3.5	3.0 - 4.0	4.0 - 5.0
Bit Type (mm)							
Mass (g)		650		750	650		750

Measurement point		Conventional product	DLV7500/8500-BKE
Handle	Static Electricity (V)	350	5
	Surface Resistance (Ω)	more than 10 <sup>13</sup>	10 <sup>4</sup>
Lever Switch	Static Electricity (V)	350	2
	Surface Resistance (Ω)	more than 10 <sup>13</sup>	10 <sup>4</sup>
Forward / Reverse Switch	Static Electricity (V)	25	2
	Surface Resistance (Ω)	more than 10 <sup>13</sup>	10 <sup>10</sup>
Connection Cable	Static Electricity (V)	110	5
	Surface Resistance (Ω)	more than 10 <sup>13</sup>	10 <sup>10</sup>

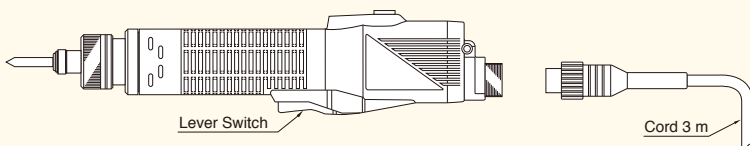
Part	Material
Handle Lever Switch	Synthetic resin with carbon fiber
Connection Cable	Anti-static material

\* Measurement conditions (Temperature:22 °C Humidity:66 %)

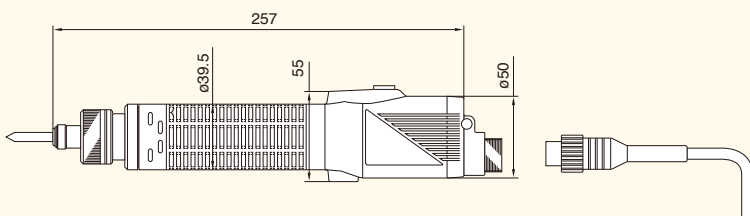
- (1) Static electricity • Earth the measurement equipment and measuring person.  
 • Grip the screwdriver five times using Ansel Edmont electronic control glove.  
 • Turn on the switch of the screwdriver. • Measure each part of the screwdriver using electronic measurement equipment manufactured by Shishido electrostatic Ltd.  
 (2) Surface resistance • Measure using Simco Japan surface resistivity measurement equipment.

## External Dimensions

### DLV7500 series

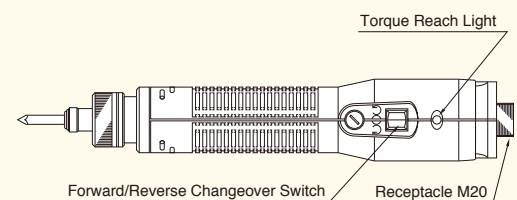


### DLV8500 series



## Standard Accessories

Bit	No.	DLV7530 / 7540 / 8530 / 8540	DLV7550 / 8550
Bit	No.1 × 7 × 75	1	—
	No.2 × 7 × 75	1	1
	No.3 × 7 × 50	—	1
Spare Carbon Brush			2
Connection Cable			1
Suspension Bail			1



Unit: mm